

# The Milwaukee Radio Amateurs' Club, Inc.

*The World's Oldest Continuously Active Radio Amateur Club*

FRED H. ZOLIN

W9ONY

Editor

INK BOWEN

W9QYW

Publisher

FRED BORCHERDT

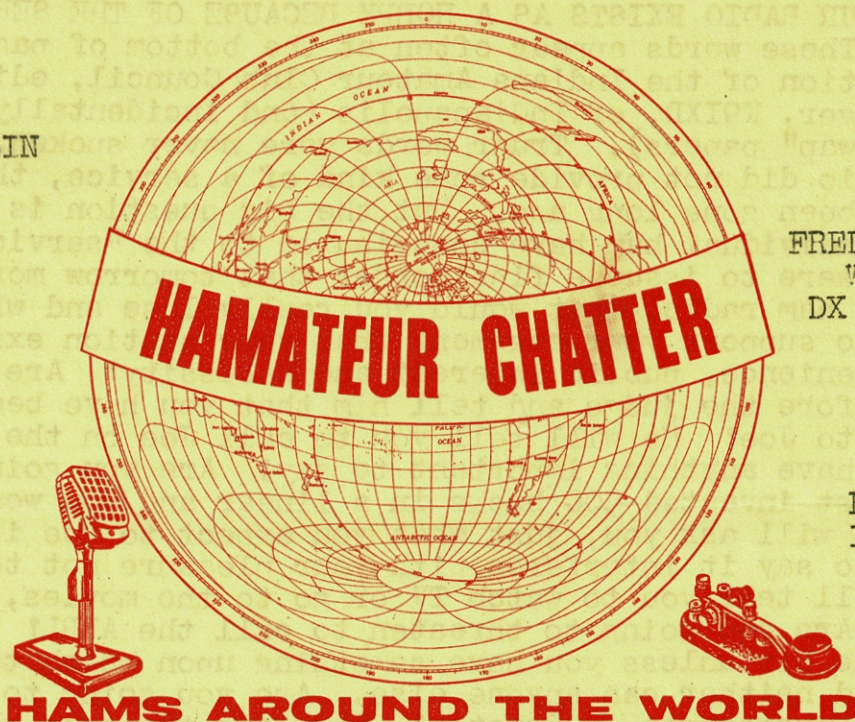
W9DYG

DX Editor

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PUBLISHED PERIODICALLY BY MRAC IN THE INTEREST OF OUR MEMBERSHIP  
AND AMATEUR RADIO

\*\*\*\*\*  
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## AMATEURS MOURN "RED'S" PASSING AWAY

Many of our readers will note the passing of George K. Rollins, W3GA, but perhaps only a few will recall that Milwaukee and the National ARRL Convention held here in September of 1948, was "Red's" first official visit after taking over as Chief of the Amateur Section of the FCC.

Red impressed many of us during his stay with us, his sincerity and deep interest in amateur radio, his friendliness and high hope for the future of amateur radio never changed a bit after ten years on his difficult job. Following the National at Washington last September, we spent an afternoon with him, and as always, he was the same old RED.

Many of our members never heard of Red, or knew there was such a person unless they read his name on some official FCC correspondence---to some of us he was a friend. To all amateurs however, it is fitting to say that ALL of us have been influenced by Red in his capacity as Chief of our Amateur Section.

"Red" never forgot Milwaukee and our Club, I am sure that many of us will never forget him. It's a little tough to sign permanently with a fellow like W3GA.

(Jack Doyle, W9GPI)



A TIMELY MESSAGE  
(From Auto-Call, Washin Mobile R.C.)

"AMATEUR RADIO EXISTS AS A HOBBY BECAUSE OF THE SERVICE IT RENDERS." These words appear often at the bottom of pages of RISON, the publication of the Indiana Amateur Club Council, edited by Doris "Butch" Singer, K9IXD, of Indianapolis (and incidentally, one of our favorite "swap" papers). Truer words were never spoken. Surely if amateur radio did not provide some kind of a service, the frequencies would have been gone long ago. But the big question is just what you as an individual ham have contributed to the "service"? What if the FCC were to issue a final order that tomorrow morning there was no more ham radio, what would you really lose and what could you really do to support your argument that your station existed in the public convenience, public interest and necessity? Are you going to stand up before the judge and tell him that you have been deprived of talking to Joe? He will tell you to call Joe on the telephone if you really have anything important to say! Are you going to say that you have just invested 500 bucks in a linear and you won't be able to use it? He will ask you, just what you expect to use it for. Are you going to say it interferes with your pleasure not to be able to ham? He will tell you to watch TV or go to the movies, thats pleasure! Are you going to threaten to call the ARRL? They can't help you one bit unless you have something upon which to base a defense, and neither can anyone else. Are you going to threaten to write your Congressman or Senator? They are the ones who charged the FCC with determining that your station must be in the public interest, convenience or necessity in the first place! So you'd better forget ham radio for awhile!

On the other hand, maybe you have a good story to tell. Maybe you are a member of a traffic net or emergency organization such as RACES or the AREC and ready for any emergency that might come along. Maybe you've registered your station and capabilities with the public authorities that can use them. Maybe you have technical ability so that you can fix your gear when it goes wrong, other than replacing a tube; in fact maybe you built the whole thing (rare these days). Maybe you can handle traffic on CW (also rare these days). Maybe you have accomplished alot of things which would warrant your retention as a station as opposed to a great many of your fellow hams. But you can't do it by operating solely for your individual pleasure and by the sole knowledge of how to turn on and off a piece of store bought gear.

It used to be that a great many of the hams had the attitude that they need contribute nothing to ham radio in general; that when the going got rough on the lower frequencies that all that would be necessary would be to move to the higher ones. Now, this went out the window last April, when the higher frequencies were taken away from us (Yes, they were, what rights have you got? None.) You might say they were shared, but if you can still operate, can the fellow you want to work?

Each amateur should prepare himself for an eventual answer to the question of public interest, convenience and necessity because the day might possibly come when Butch's phrase might well be, "My ham radio exists as a hobby because of the service I rendered".



# TRACKING A SATELLITE ONCE IT'S LAUNCHED INTO ORBIT

As the tiny satellite circles the earth, it is tracked by a system of radio angle tracking called "Minitrack". The Minitrack system and its equipment was developed by the Naval Research Laboratory.

This radio tracking system is built around a very small transmitter within the satellite. It sends a beam of radio energy to receiving antennae at ten different ground stations. A chain of these Minitrack stations has been established at Blossom Point, Md.; Fort Stewart, Ga.; Batista Field, Havana Cuba; Mt Cotopaxi, Quito, Ecuador; Ancon, Lima, Peru; Antofagasta, Chile; Santiago, Chile; Antigua, British West Indies; San Diego, Calif.; and Wommera, Australia.

Minitrack, during the initial orbit, will localize time of arrival of the satellite over any given ground location within six minutes and will give its position within several hundred miles. This information will be accurate enough to alert visual tracking stations, as to the time and position of the satellite over their location.

In addition to tracking the satellite in orbit, the Minitrack system also enables scientists to follow the satellite's launching, direction of launch and movements of the second and third-stage rockets.

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## M.R.A.C. MEMBERS NATIONWIDE

MRAC always regrets when one of its members moves out of the city, but always delights when that party cooses to remain on the club's roster by retaining membership. There is a sense of gratification for this procedure in view of the fact that the out-of-towners can hardly participate in any of the club's functions, (except for those who live very near Milwaukee). We thought we were doing good when we glanced through the roster and found our HAMS in New York, Pennsylvania, California, Washington, Arizona, Virginia, Illinois and Florida, but we never thought we would pick up a HAM from Lagos, Nigeria (West Africa). Well we did and his application was accepted just recently. His call is FL8AC and his QTH used to be French Somoliland. He hopes to have a ZD2 call shortly after he gets on the air with a new rig.

\* \* \* \* \*

## PICNIC DATE PICKED

M.R.A.C. Annual Picnic will be held July 12th, Sunday, at KLETSCH PARK, Area 1. Keep this date open. More news about it will be published later.

\* \* \* \* \*

"Have you reached a verdict?" asked the judge.

"Not yet, your honor," replied the foreman. "We want to make this trial fair and square, and before we render a verdict, we want to ask the defendant one question."

"What is it?" asked the judge.

"Does he want AC or DC current?".



PROGRAM REVIEW

With half the season completed in our new home, we have many pleasant programs to look back to a promising future to look forward to.

After an opening meeting September 3rd, followed by one of what's new in operating with our members and a TVI quiz and movies, we met our first outside speaker, John Hunteen, of the ARRL Staff, who presented the facts of the International Radio Conference.

October brought Fritz Franke of Hallicrafter with their new Transistorized Transceiver.

Ink Bowen, W9QYJ, let us in on Grounded Grid Amplifiers and Bill Bursing of E.F. Johnson Co., gave us an insight into activities at Waseca.

November brought Frequency Measuring by John, W9GIL and Dick, K9CAN, a really fine Father and Son Team to acquaint you with this phase of harmony. November 12th was bring your leftovers and money to our semi-annual auction night which proved its usual success. To return to the serious side, we followed with a technical night by Al Belanger, W9IDG. Fulfilling an obligation he made to us about two years ago, Carl Mosely, W0QFY, presented a very excellent program and color movie on Mosely Trap Beams. It was certainly worth waiting for.

December 17th called together all the Youngtimers, as described elsewhere in this issue and on December 28th, our Oldtimer's Night at Pabst Brewing Co., rounded out the year.

January so far has brought "Teletype Introduction" by W9CUW, Chas. Dawson, "Home Safety" by Charles Porch, K9ENB and "How to Get Rid of Key Clicks" by President Pavak, W9FDX.

SEE WHAT YOU'VE MISSED?-----try to attend and we'll look forward to seeing you as you sit in on DX Night by Fred Borchardt, W9DYG, "Member Slide" night (is yours on file?), Traffic Night and many others-----

Be C N U

73,

Ken Eggert, W9NOT  
Program Chairman

\* \* \* \* \*

DON'T MISS THIS ONE

Ron Mezetic, "Little Mo", Chief at the South Pole Station KC4USN, is back in Milwaukee, bringing with him some color shots of life at the Pole and operations under the adverse conditions that MINUS 90 Degrees can create. Ron has promised to visit the Club, with pictures, as soon as some local social obligations are taken care of----you think that WE have some cold days---wait until "Mo" is booked at the club and don't miss it---his 150 mile taxi ride across ZL land is something to see.

\* \* \* \* \*

NEW CONVENTION

A Mid-America ARRL Convention is being planned for St. Louis over the Labor Day Weekend. While the event has not yet been sanctioned by the League, the plans appear to be good---more on this matter as things get into shape.



\* \* \* S A L E                      S A L E                      S A L E                      S A L E \* \* \*

C L O S E O U T M I S C E L A N E O U S E Q U I P M E N T

C O L L I N S - KWS-1

IN SEALED  
WOOD CRATE - NEW

\$1690.00

ARRL HAND BOOKS - 58      \$2.75

CALL BOOKS - Fall 58      \$3.25

RADIO HANDBOOK 14th ED. \$6.50

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Stated - None Has Been Loaned  
Out On Trial - You Pay For  
New Merchandise and You Get  
It!

G O N S E T

) 2M Communicator 11 New

\$189.50

) 6M Communicator 11 New

\$192.50

) 6M Converter Mod 3066 New

\$ 42.50

CENTRAL ELECTRONICS SSB UNITS ALL NEW AND BOXED

10 A Exciter W & T

\$130.50

10 B Exciter W & T

\$137.50

10 B Exciter W & T (Display Model)

\$125.50

B Splicer W & T

\$ 76.50

B Splicer KIT

\$ 54.50

20 A Exciter KIT

\$167.50

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W9SYT

W9NHG



"CQ Youngtimers" - - That was the call for the December 17th Meeting of MRAC as the third annual "Youngtimers" began. We at MRAC have tried to augment the Oldtimers' Night with something for those under 21. The evening proved to be a success even though the attendance was smaller than in the past, but ask those who took home more than one door prize (and most of boys did) if they had any complaints. The program for the twenty-five young members and guests attending, started with a showing of the new Heath Kit Apache transmitter built by one of our newest members, Larry Gensch, KN9MBB and a Knight Kit Ham Band receiver built by Ron Gersky, K9KGC.

An excellent color film on Alaska, our 49th For W.A.S. followed for a little diversion. Doug, W9FDX, explained and displayed a simple voltmeter to be constructed by anyone, especially novices, and concluded by giving a couple of the kits as prizes. More prizes followed, courtesy of the club and Amateur Electronics. The evening concluded with an excellent barbecue prepared by Helene Lindahl and served with the able assistance of Jeanne Pavek, W9OMZ. Those of you who missed it, remember the next one is only 11 months, 3 contests and 52 QSL cards away.

\* \* \* \* \*

RADIO HAM OPERATES WITH HIS TOES  
(from Bison, Ind. R.C. Council)  
(via CQ News)

In Buffalo, N.Y., a fifteen year old boy, Lynn Nichols, sends his CQ's and transmits on CW with his toes. He lost his arms when it was necessary for them to be amputated after he suffered severe burns when a metal pole he was erecting for an antenna fell across electric wires. He passed his General Exam after the loss of his arms and is now studying to become a radio and television technician. Local people and fellow hams from around the country contributed over \$1,000 after learning of the misfortune and courage of this young amateur.

\* \* \* \* \*

"30" to Station W9RXS

Shortly after the death of W9RXS, Mrs. Waldman, his XYL, asked for suggestions of disposing of Doc's elaborate station. A committee was formed consisting of W9TQ, Vic, W9GPI, Jack and your editor. An inventory was taken and each item tagged with a number and a corresponding descriptive list was mimeographed, thanks to Ink Bowen, W9QYW, and mailed to each MRAC member, hoping that the club's list would produce enough buyers. It sure did. Out of the sixty items listed practically all were sold on December 7th. Some items were sold to Chicago hams who had been very close to Irv. Mrs. Waldman was very happy in the way the committee handled the job and I'm sure this is the way Doc would have wanted it.

\* \* \* \* \*

GOT NO POSTAGE SCALE?

Archie Comic Publications has put out a "do-it-yourself" comic which contains a tip on how to weigh a letter. Place the letter on the 12-inch end of a ruler and a nickel at the other end. If you can balance the ruler at the 7 5/8-inch mark, or if the nickel end dips down, the letter weighs an ounce or less.



MILWAUKEE PAPERS FEATURE RADIO HAMS

Ham radio got plenty of ink in the Milwaukee Journal and Sentinel last month, a total of three stories with pictures. K9GHT, Dale Engler, who spends most of his time in the Iron Lung at Veterans Hospital, Wood, Wis., but still manages to get around the airways with that cubical quad. W9GPI, Jack Doyle, who seems to have a pipeline with KC4USV and continues to help the boys down there with phone patches. K9HEX, Jeffrey Hamm, age 11, who is the third Ham in the HAMM family, the Mother and Dad are W9DWH and W9UNY. With three hams in the family MRAC is hoping to get at least one in the family to join the club.

\* \* \* \* \*

OFFICIAL BULLETIN FROM AREL NO. 687

The F.C.C. has issued a notice of proposed rule making, Docket 12728, to permit Technician Class operation in the amateur 144 MC. band. Reasons cited are more occupancy, possible contributions to technical knowledge and more participation in civil defense activities. The final comment date on this proposal is March 31st. Details will appear in March QST....

\* \* \* \* \*

OUR ADVERTISERS

At a recent meeting your Board of Directors voted to accept advertising for Hamateur Chatter. Fittingly, this first issue of 1959 also carries the first commercial advertising under this new policy.

We take pleasure in presenting these advertisers to you. These organizations are established firms that are interested in your Club and your activities as evidenced by their support of this program and past assistance.

We recommend these firms whenever you have equipment needs. Whether you desire commercial gear, kits, components or surplus equipment it is available to you right in your own community at their counters. Stop into their shops. Meet some of these fellow hams, discuss your problems and needs. They will be pleased to meet you and help you.

Those of you in industry and the service business who have occasion to prepare specs or do purchasing are reminded that among these firms you have well stocked local sources for industrial electronic supplies and service and replacement parts.

\* \* \* \* \*

A mother took her young son on a Sunday-school picnic only to lose him in the excitement of watching his first three-legged race. She had just begun an anxious search for her small one when - loud and clear above all the other talk, shouts and laughter - came a desperate young treble crying, "Jessie - Jessie." When she finally got to his side and had him calmed down again, she asked why he called her Jessie when he always called her mother at home. The tyke looked at her with justified disdain and declared shortly, "It was no use calling mother - the place is full of mothers."



Charlie Porch, K9ENG, a Club Director, gave a talk at the January 14th meeting on electrical shock, an ever present hazard to we hams. It covered the physiology of shock, what to do with a shock victim, how to minimize the chances of shock occurring and some actual cases.

In the interest of trying to keep you from an untimely death or injury we present some of the highlights of this talk.

### Physiology of Shock

1. The current which passes through your body is the dangerous element of shock.

2. When our body makes contact across a voltage source it becomes just another circuit element. The resistance of your body as a circuit element is approximately 500,000 ohms when your skin is dry, but when the skin is wet or sweaty this value is reduced to about 1000 ohms.

3. The threshold of perception for the average person is about one milliamperere for 60 cycles and five milliamperes for direct current. This is not a dangerous level unless the surprise of the shock causes us to do something rash.

4. Increasing current above this threshold level brings sensations of heat, muscular contractions and pain until we reach a point where we "freeze" or can't let go of the voltage source. Upper limits of safe "Let-go" current for men are nine milliamperes for 60 cycles and 62 milliamperes for direct current.

5. Currents above the safe "Let-go" limit are frightening and painful. A 60 cycle current in excess of 25 ma which follows a path across the chest produces muscular reactions so severe that breathing is impossible for the duration of current flow. If the current flows too long death results from asphyxiation, but if the current flow is of short duration breathing will resume automatically.

6. Higher levels of current cause temporary paralysis of the nerves and nervous centers, particularly those controlling respiration, which condition will be prolonged even after the current flow is interrupted.

7. The most critical level is about 100 ma 60 cycles or 500 ma dc. At this level ventricular fibrillation can occur. This is nearly always fatal.

8. At very high current levels, in the order of amperes, the danger of ventricular fibrillation ceases due to extremely violent muscular contractions which hold the heart in a vise like grip. However, such currents, if sustained, will produce heart failure and the effect on the nervous system is magnified with increased severity of respiratory inhibition and burns.

### What to do in Case of Electrical Shock

First, plan ahead. Instruct the members of your family how to kill the power in your shack and how to apply artificial respiration.

When electric shock has occurred and a person is unconscious and not breathing it is imperative that the following be done promptly.



## What to do in Case of Electrical Shock Cont'd.

1. Start artificial respiration immediately.
2. Keep the patient warm.
3. Continue artificial respiration until he breathes of his own volition or the body stiffens in rigor mortis. Artificial respiration has been successful after as much as eight hours of effort.
4. Do not attempt to move the patient until he is breathing normally.

## How to Prevent Shock

THINK. Think when you're designing a rig, when you're laying out your shack and when you're working on the rig. Get a copy of the ARRL SAFETY CODE. This contains many valuable suggestions.

\* \* \* \* \*

During a violent electrical storm, a mother thought her young son would be frightened, so she tiptoed into his room to comfort him. The boy opened his eyes and murmured, "What's Daddy doing with the television set now?"

Wife (to husband): "I want to do a lot of shopping tomorrow if it's a good day. What is the forecast in the paper?"

Husband: "Rain, hail, sleet, snow, thunder, lightning, and high winds."

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## AN AUXILIARY NOTE

The MRAC Auxiliary will attend a demonstration given by the Milwaukee Gas Company at Mayfair on Tuesday afternoon, February 17th at 1:00 P.M.

Frances Thompson, President of the MRAC Auxiliary, invites the wives of the hams to the affair. Cake and coffee will be served and a door prize is offered. Anyone who is interested please call three (3) days in advance for reservation, no charge.

Frances Thompson Humboldt 1-0766

Jeanne Pavak Locust 2-0193

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## W9RH SUFFERS HEART ATTACK

Some weeks ago, Emil Felber, W9RH, one of MRAC's oldest members, suffered a severe heart attack. We are happy to report however, that Emil is recovering, although confined to his bed at St. Anthony's Hospital. We are sure that a card would be appreciated, if you can't make it down in person.



# TV Channel Assignments

## UHF

With Video — Audio — Color Carrier Frequencies  
— And ½ Wave Length Measurements —

## VHF

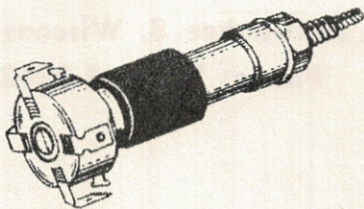
Channel No.	Frequency Range MC	½ Wave Length Inches	Picture Carrier MC	Color Sub-Carrier	Sound Carrier MC	Channel No.	Frequency Range MC	½ Wave Length Inches	Picture Carrier MC	Color Sub-Carrier	Sound Carrier MC
2	54-60	103.8	55.25	58.83	59.75	43	644-650	9.2	645.25	648.83	649.75
3	60-66	93.8	61.25	64.83	65.75	44	650-656	9.1	651.25	654.83	655.75
4	66-72	85.7	67.25	70.83	71.75	45	656-662	9.0	657.25	660.83	661.75
5	76-82	74.8	77.25	80.83	81.75	46	662-668	8.9	663.25	666.83	667.75
6	82-88	69.5	83.25	86.83	87.75	47	668-674	8.8	669.25	672.83	673.75
7	174-180	33.4	175.25	178.83	179.75	48	674-680	8.7	675.25	678.83	679.75
8	180-186	32.8	181.25	184.83	185.75	49	680-686	8.7	681.25	684.83	685.75
9	186-192	31.5	187.25	190.83	191.75	50	686-692	8.6	687.25	690.83	691.75
10	192-198	30.3	193.25	196.83	197.75	51	692-698	8.5	693.25	696.83	697.75
11	198-204	29.4	199.25	202.83	203.75	52	698-704	8.4	699.25	702.83	703.75
12	204-210	28.5	205.25	208.83	209.75	53	704-710	8.4	705.25	708.83	709.75
13	210-216	27.7	211.25	214.83	215.75	54	710-716	8.3	711.25	714.83	715.75
14	470-476	12.5	471.25	474.83	475.75	55	716-722	8.2	717.25	720.83	721.75
15	476-482	12.4	477.25	480.83	481.75	56	722-728	8.1	723.25	726.83	727.75
16	482-488	12.2	483.25	486.83	487.75	57	728-734	8.0	729.25	732.83	733.75
17	488-494	12.0	489.25	492.83	493.75	58	734-740	8.0	735.25	738.83	739.75
18	494-500	11.9	495.25	498.83	499.75	59	740-746	7.9	741.25	744.83	745.75
19	500-506	11.8	501.25	504.83	505.75	60	746-752	7.8	747.25	750.83	751.75
20	506-512	11.6	507.25	510.83	511.75	61	752-758	7.8	753.25	756.83	757.75
21	512-518	11.5	513.25	516.83	517.75	62	758-764	7.7	759.25	762.83	763.75
22	518-524	11.3	519.25	522.83	523.75	63	764-770	7.7	765.25	768.83	769.75
23	524-530	11.2	525.25	528.83	529.75	64	770-776	7.6	771.25	774.83	775.75
24	530-536	11.1	531.25	534.83	535.75	65	776-782	7.5	777.25	780.83	781.75
25	536-542	11.0	537.25	540.83	541.75	66	782-788	7.5	783.25	786.83	787.75
26	542-548	10.8	543.25	546.83	547.75	67	788-794	7.4	789.25	792.83	793.75
27	548-554	10.7	549.25	552.83	553.75	68	794-800	7.4	795.25	798.83	799.75
28	554-560	10.6	555.25	558.83	559.75	69	800-806	7.3	801.25	804.83	805.75
29	560-566	10.5	561.25	564.83	565.75	70	806-812	7.3	807.25	810.83	811.75
30	566-572	10.4	567.25	570.83	571.75	71	812-818	7.2	813.25	816.83	817.75
31	572-578	10.3	573.25	576.83	577.75	72	818-824	7.2	819.25	822.83	823.75
32	578-584	10.2	579.25	582.83	583.75	73	824-830	7.1	825.25	828.83	829.75
33	584-590	10.1	585.25	588.83	589.75	74	830-836	7.0	831.25	834.83	835.75
34	590-596	10.0	591.25	594.83	595.75	75	836-842	7.0	837.25	840.83	841.75
35	596-602	9.9	597.25	600.83	601.75	76	842-848	6.9	843.25	846.83	847.75
36	602-608	9.8	603.25	606.83	607.75	77	848-854	6.9	849.25	852.83	853.75
37	608-614	9.7	609.25	612.83	613.75	78	854-860	6.8	855.25	858.83	859.75
38	614-620	9.6	615.25	618.83	619.75	79	860-866	6.8	861.25	864.83	865.75
39	620-626	9.5	621.25	624.83	625.75	80	866-872	6.8	867.25	870.83	871.75
40	626-632	9.4	627.25	630.83	631.75	81	872-878	6.7	873.25	876.83	877.75
41	632-638	9.3	633.25	636.83	637.75	82	878-884	6.7	879.25	882.83	883.75
42	638-644	9.2	639.25	642.83	643.75	83	884-890	6.6	885.25	888.83	889.75

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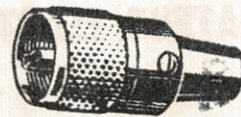
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IN STOCK

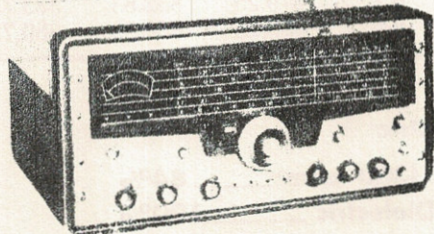
COLLINS S/LINE - NEW GELOSO RECVR. &

TRANSMITTER-VFO - HALLICRAFTERS SR-34 - GONSET

G-33 RECEIVER - 1959 RADIO MASTERS - COME IN

SOON FOR FREE DEMONSTRATION

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Now is the time to trade on a Hallicrafters SX-101 Mark III or an HT-32. As advertised in QST, these units have been modified slightly and are now called the SX-101 Mark IIIA and HT-32A. You can save now as we have the following at close out prices:

SX-101 MARK III Factory Sealed

SX-101 MARK III Demonstrator

HT-32 TRANSMITTER Fact. Sealed

HT-33 FINAL Demonstrator - Fact. Sealed



MRAC - ARRL ACTIVITIES AND DX NEWS

"WATCH FOR"

C.S.T.

HZ1AB - Saudi Arabia 11 P.M. to 2 A.M. 14.320 Kc/s CW and SSB - Skeds W5KF and others. On almost nightly. Opr. Bud sez QSL's go to APO 616 New York City, New York.

PYØNC - Trindade - all bands mostly CW opr

PY7AN - Late January or early in February, when transportation permits.

MP4DAA - Das Island, Trucial Oman. Saturday and Sunday 7 A.M. to 10 A.M. 14050 Kc/s. Opr Andy sez don't call on his frequency. Reported to be on 21 Mc fone also.

SVØWAE - Rhodes - Opr KN4ASR 1 P.M. to 3 P.M. on 21 Novice Band. CW only. QSL to APO 223 New York City, New York.

"ON THE AIR"

Although condx have picked up somewhat during December and January on all DX bands, good openings continue few and far between and certainly can't be compared with the real F.B. condx of a year ago at this time. The 10 and 15 meter bands got hot during the WAE Contest, but 15 certainly has slipped back into the doldrums. 20 has been good to Europe from 11 P.M. to 2 A.M. Lots of Europeans and some South Americans and North Africans are peeping thru on the low end of 80, anywhere from 8 P.M. to 2 A.M. Still more DX'peditions, find Robby, VQ4ERR on SSB in VQI Land. 9GICF and 9GICX took W2KUW's KWM1 to Togoland and operated as FD8DZ and Danny continues keeping the VP2 countries alive, by operating VP2DW VP2LW and should have passed thru St. Vincent and be on Grenada by the time you read this. W9PQA reports working 194 countries, in all zones, during 1958. Thats real nice going Loren. Hope you all snagged JT1AA/YL, as they pulled the big switch December 1st, and are probably back in OK Land by now. The world tour of Czech's OK7HZ is reported put off indefinitely, with the serious illness of OK1HZ. Malayan stns changed from VS2 to 9MZ as of January 1st. The FK8AS/FW8 DX'pedition to Wallis Id finally came off, but things sure got messed up! A UAØKJC has been reported operating on 28 Mc from Wrangel Id during early evening hours our time. LA6CF hopes to be on Jan Mayen by 1960. AC5PN reported operating on 14.008 CW 7 A.M. to 9 A.M. C.S.T. More activity from Juan Fernandez is promised by CE3AG. Has W9FDX given up on VK9AD? No individual reports this issue, due to summery of contests and Annual TFC Report.



MRAC DXCC Standings January 1, 1959

CW/Fone (17 Members)

	<u>W</u>	<u>C</u>
W9FDX	257	251
W9GIL	240	231
W9DYG	220	210
W9RKP	221	207
W9PQA	207	175
K9CAN	214	165
W9QYW	193	160
W9OMZ	170	140
W9LVR	178	130
W9RH	155	130
W9VOD	127	124
K9CJK	147	116
W9KQD	121	106
W9AMM	115	106
W9VQG	121	103
W9JDK	115	103
W9CAS	110	103
W9YZG	119	90
W9ROM	92	78
K9ENB	118	65
W9MDG	80	60
W9ONY/M	47	43

Fone Only (4 Members)

	<u>W</u>	<u>C</u>
W9FDX	217	206
W9PQA	171	154
W9GPI	121	118
W9VQG	120	103

SSD

W9GPI	107	102
-------	-----	-----

Total of 18 Members in DXCC

MRAC WAZ (Worked all Zones) Standings

CW/Fone

W9FDX	WAZ #617
W9GIL	WAZ #659
W9PQA	WAZ #788
K9CAN	40/40
W9DYG	40/39
W9RKP	40/39
W9OMZ	40/38
W9QYW	40/37
W9LVR	39/36
K9CJK	39/35
W9VQG	37/35
W9CAS	33/31
W9KQD	37/28
W9YZG	30/28
K9ENB	34/27

Fone Only

W9FDX	39/37
W9PQA	39/37
W9VQG	37/35

MRAC WPX (Worked all Prefexes) Standings

CW

	<u>W</u>	<u>C</u>
W9DYG	428	343
W9YZG	250	180
W9PQA	222	138

Fone

	<u>W</u>	<u>C</u>
W9PQA	292	230
W9VQG	-	110



# ANNUAL REPORT OF WISCONSIN TFC NETS - 1958

	<u>BEN</u>	<u>WIN</u>	<u>WSSN</u>
Sessions	359	358	141
Total QNS	14,902	4,705	600
Total Operating Time	575 Hours	228 Hours	116 Hours
Total TFC Offered	5,428	3,223	224
Total TFC Cleared	4,016	2,087	199
Average TFC Cleared	73.5%	64.8%	88.8%
Averages per Session:			
ONS	40	13.5	5
Time	1 Hr, 25 Mins	38 Mins	38 Mins
TFC Offered	15	-	-
TFC Cleared	12.75	5.35	2.5

Our CAN (Central Area Net) and 9RN (9th Regional Net), broke all records in area and regional nets respectively, during December 1958, with the following results:

CAN - Cleared 2,619 Msgs in 1889 Minutes - 84.5 per session  
 9RN - Cleared 2,280 Msgs in 2583 Minutes - 39.3 per session

MRAC Members TFC Totals for:

<u>November</u>	<u>December</u>	<u>For 1958</u>
W9DYG - 193	W9DYG - 729	K9GDF - 3,915
W9SAA - 107	K9GDF - 392	W9DYG - 1,746
K9GDF - 105	W9VHP - 164	W9SAA - 1,377
W9VHP - 37	W9SAA - 111	K9DTK - 460
K9DTK - 24	K9DTK - 39	W9VHP - 259
W9SIZ - 12	W9UFV - 18	W9YZG - 120
W9YZG - 5	W9YZG - 6	W9SIZ - 109
		W9UFV - 84
		W9GIL - 15

## STATE NET SCHEDULES

BEN - 3950 Kc/s Daily 6:00 P.M. C.S.T.  
 WIN - 3535 Kc/s Daily 7:15 P.M. C.S.T.  
 WSSN - 3617 Kc/s Monday thru Friday 6:30 P.M. C.S.T.

More Milwaukee operators are needed in all three (3) nets, so give TFC handling a try - you may enjoy it!

## MRAC YL/OM Contest Results 1958

<u>OM</u>		<u>YL</u>	
W9DYG	1,519 Points	W9OMZ	91 Points (XYL)
W9RKP	1,333 Points		
W9CHD	919 Points		
W9YZG	187 Points		
W9FDX	36 Points		
K9CAN	20 Points		

## MRAC VHF Sweepstakes Results 1958

K9GOS 648 Points



MRAC Sweepstakes Results 1958

<u>CW Section</u>				<u>Phone Section</u>			
<u>Call</u>	<u>Sec</u>	<u>QSO's</u>	<u>Points</u>	<u>Call</u>	<u>Sec</u>	<u>QSO's</u>	<u>Points</u>
K9CAN	73	1,048	191,260	K9CJG	68	375	76,500
W9LVR	73	1,004	183,230	W9VQG	63	163	30,807
W9DYG	73	902	163,976	W9CJO	57	162	26,334
W9QYW	71	715	126,735	W9SAA	43	107	13,803
W9UFV	71	600	106,500	W9PQA	44	89	11,682
*W9FDX (UDK)	73	559	101,105	W9ZPV	38	90	10,260
W9RKP	70	579	100,625	W9DOS	32	73	7,008
W9CHD	70	492	85,750	W9GPI	31	58	6,742
W9CAS	70	525	73,500	K9BEL	27	72	5,832
K9EUZ	61	368	56,120	W9GIL	-	-	3,960
K9GDF	61	337	51,402	W9MJE	-	-	3,500
K9ENB	71	301	42,742	W9RZD	29	85	2,505
*W9BTM (GWS)	56	300	42,000	W9PST	19	33	1,881
K9JHS	57	346	38,703	W9IZO	-	-	360
W9KQD	55	280	37,000	K9GOS	4	5	120
W9MDG	63	204	25,704	W9ONY/M	3	3	23
W9GQO	51	173	21,739	Total		201,317	
W9YZG	40	185	17,900				
K9BSH	46	130	14,950				
K9DTK	26	140	9,620				
W9HDH	-	-	9,045				
W9YGX	-	-	1,096				
W9DGB	17	14	595				
W9UDK	-	-	320				
Total			1,501,617				

<u>Novice Section</u>			
<u>Call</u>	<u>Sec</u>	<u>QSO's</u>	<u>Points</u>
KN9LCD	-	-	651

Novice Section

KN9LCD - - 651

Club Summary: - Unofficial

CW Section - 1,501,617  
 Phone Section - 201,317  
 Novice Section - 651  
 Club Total 1,703,585

41 Stations - 43 Entries \*(2 - 2 Opr Stns)

\* \* \* \* \*

MRAC VE/W Contest Results 1958

W9DYG 75,539 Points  
 W9RKP 57,020 Points  
 W9CHD 47,650 Points  
 K9CAN 50,000 Points (Approx)

MRAC ARRL DX Contest 1958

Results were published in April 1958 Hamateur Chatter, with W9GIL placing first in both phone and CW.



"ON THE SIDE"

Don't forget that the Wisconsin Section is due for a SCM Election in March. This OM thinks W9KQB is "TOPS" anyway you say it, so lets re-elect him gang.

This issue Brother Ham's quotes: "I'd like to compliment you on your work. When will you start?"

73,es Continued DX in '59  
W9DYG

\* \* \* \* \*

NEW MEMBERS

RICHARD D. SADLER, W9UFV  
WILLIAM A. KAMP, K9LPU  
JACK C. PARKER  
ROBERT A. CORDES, K9AYM  
JOHN R. MORIARITY, W9LFP  
GERALD LUSTIG  
GILBERT WEBER  
DAVID JOHNSON  
LARRY D. GENSOH, KN9MDB  
ROBERT J. GUMM, W9ECC  
WM. F. BROSSMAN, W9EQP  
GUY M. MALOSSE, EX-FL8AC  
RONALD GORSKI, K9KGC  
WM. MANN  
ROBERT L. GOLDSTEIN, K9KJT



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WE INVITE our amateur friends to check  
with us for their needs .....

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\* \* \* \* \*

Telephone WE 3-5131

Ernie Behagen  
W9QUN

"73"

E. J. (Irv) Irving  
W9GQO